

# **14<sup>th</sup> Workshop on Space Solar Cell Calibration and Measurement Techniques**

27-30 June 2010, Kauai Beach Resort, Kauai Hawaii, USA

## **Workshop Agenda**

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### **Sunday, 27 June 2010 Arrival Day**

**18:00 - 21:00** Registration & Workshop Welcome reception (drinks/dinner)

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### **Monday, 28 June 2010**

**Breakfast 08:30**

**Workshop General Session 09:00 - 09:20**

Welcome and Introduction - AFRL

Agenda Presentation and Agreement - AFRL

**09:20 - 10:00**

Current Status of ISO Standards Related to Space PV  
- JAXA

Comments - ESA

**10:00 - 10:15** Coffee Break

**10:15 - 10:35**

Comments / AIAA Qualification status - NASA

**10:35 - 11:00**

Solar Cell Radiation Effects Analysis Models - NRL

**11:00 - 12:30** Lunch

**12:30 - 13:30**

Radiation Testing Round Robin Result - Aero

Radiation Facility Status - NRL/JPL

**13:30 - 14:30**

Balloon Flight Status - AFRL / CNES

Balloon Flight vs. Lear Jet Flight Standard - NASA

**14:30 - 14:45** Coffee Break

**14:45 - 15:30**

Radiation Test Condition Effects - AES/JAXA

Calibrated Standard Cell Maintenance Record -  
AES/JAXA

**15:30 - 16:00**

Advance Solar Simulators - NASA

**16:00 - 17:00 Working Group**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**17:00 End Workshop Session Day**

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### **Tuesday, 29 June 2010**

**Working Group Sessions**

**09:00 - 10:00**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**10:00- 10:15** Coffee Break

**10:15 - 11:00**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**11:00 - 12:30** Lunch

**12:30 - 14:00**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**14:00 - 14:15** Coffee Break

**14:15 - 15:00**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**15:00**

Depart KBR for Port Allen

- Working dinner/Banquet

**19:30 End Workshop Session Day**

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### **Wednesday, 30 June 2010**

**Workshop Summaries**

**09:00 - 11:00**

WG1: Radiation Testing

WG2: Solar Cell Measurement & Calibration

**10:00 - 10:15** Coffee Break

**11:00 - 11:30**

Summary and Action Items for 15<sup>th</sup> Workshop

Closing remarks and future workshop planning -  
AFRL/ESA

**11:30 - 12:30** Lunch

**12:30 Workshop Adjourned**

**-Proceeding CD's will be created and distributed immediately following lunch**